

The demand must be filed directly with the competent International Preliminary Examining Authority or, if two or more Authorities are competent, with the one chosen by the applicant. The full name or two-letter code of that Authority may be indicated by the applicant on the line below:

IPEA/ EP

PCT

CHAPTER II

DEMAND

under Article 31 of the Patent Cooperation Treaty:

The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty and hereby elects all eligible States (except where otherwise indicated).

For International Preliminary Examining Authority use only

Identification of IPEA		Date of receipt of DEMAND	
Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION		Applicant's or agent's file reference S2648-PCT	
International application No. PCT/BE03/00178	International filing date (day/month/year) 21 October 2003 (21.10.2003)	(Earliest) Priority date (day/month/year) 21 October 2002 (21.10.2002)	
Title of invention Methods and apparatus for synchronization of training sequences			
Box No. II APPLICANT(S)			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) STMICROELECTRONICS N.V. WTC Schiphol Airport Schiphol Boulevard 265 1118 BH Schiphol Airport - Amsterdam The Netherlands		Telephone No. +31-20 57 53 001 Facsimile No. +31-20 57 53 004 Teleprinter No. Applicant's registration No. with the Office	
State (that is, country) of nationality: NL		State (that is, country) of residence: NL	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) VANDERPERREN, Yves Vijf Bunderlaan 35 B-1150 Brussel Belgium			
State (that is, country) of nationality: BE		State (that is, country) of residence: BE	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) DEHAENE, Wim Gemeentestraat 201 B-3010 Kessel-Lo Belgium			
State (that is, country) of nationality: BE		State (that is, country) of residence: BE	
<input type="checkbox"/> Further applicants are indicated on a continuation sheet.			

Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCEThe following person is ☒ agent ☐ common representativeand ☒ has been appointed earlier and represents the applicant(s) also for international preliminary examination.☐ is hereby appointed and any earlier appointment of (an) agent(s)/common representative is hereby revoked.☐ is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.Name and address: *(Family name followed by given name; for a legal entity, full official designation.
The address must include postal code and name of country.)*BIRD, Ariane
Bird Goën & Co
Klein Dalenstraat 42A
B-3020 Winksele
Belgium

Telephone No.

+32 16 48 05 62

Facsimile No.

+32 16 48 05 28

Teleprinter No.

Agent's registration No. with the Office

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.**Box No. IV BASIS FOR INTERNATIONAL PRELIMINARY EXAMINATION****Statement concerning amendments:***

1. The applicant wishes the international preliminary examination to start on the basis of:

☒ the international application as originally filedthe description ☐ as originally filed☐ as amended under Article 34the claims ☐ as originally filed☐ as amended under Article 19 (together with any accompanying statement)☐ as amended under Article 34the drawings ☐ as originally filed☐ as amended under Article 342. ☐ The applicant wishes any amendment to the claims under Article 19 to be considered as reversed.3. ☐ The applicant wishes the start of the international preliminary examination to be postponed until the expiration of 20 months from the priority date unless the International Preliminary Examining Authority receives a copy of any amendments made under Article 19 or a notice from the applicant that he does not wish to make such amendments (Rule 69.1(d)). *(This check-box may be marked only where the time limit under Article 19 has not yet expired.)*

* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments of the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended.

Language for the purposes of international preliminary examination: ENGLISH☒ which is the language in which the international application was filed.☐ which is the language of a translation furnished for the purposes of international search.☐ which is the language of publication of the international application.☐ which is the language of the translation (to be) furnished for the purposes of international preliminary examination.**Box No. V ELECTION OF STATES**The applicant hereby elects all eligible States *(that is, all States which have been designated and which are bound by Chapter II of the PCT)*

excluding the following States which the applicant wishes not to elect:

Box No. VI CHECK LIST

The demand is accompanied by the following elements, in the language referred to in Box No. IV, for the purposes of international preliminary examination:

- | | | | |
|--|---|-------|--------|
| 1. translation of international application | : | _____ | sheets |
| 2. amendments under Article 34 | : | _____ | sheets |
| 3. copy (or, where required, translation) of amendments under Article 19 | : | _____ | sheets |
| 4. copy (or, where required, translation) of statement under Article 19 | : | _____ | sheets |
| 5. letter | : | 1 | sheet/ |
| 6. other (<i>specify</i>) | : | _____ | sheets |

For International Preliminary
Examining Authority use only

received	not received
----------	--------------

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

The demand is also accompanied by the item(s) marked below:

- | | |
|--|---|
| 1. <input checked="" type="checkbox"/> fee calculation sheet | 5. <input type="checkbox"/> statement explaining lack of signature |
| 2. <input type="checkbox"/> original separate power of attorney | 6. <input type="checkbox"/> sequence listings in computer readable form |
| 3. <input type="checkbox"/> original general power of attorney | 7. <input type="checkbox"/> tables in computer readable form related to sequence listings |
| 4. <input type="checkbox"/> copy of general power of attorney; reference number, if any: | 8. <input type="checkbox"/> other (<i>specify</i>): |

Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the demand)



ARIANE BIRD

For International Preliminary Examining Authority use only

1. Date of actual receipt of DEMAND:

2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):

3. ☐ The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply.

☐ The applicant has been informed accordingly.

4. ☐ The date of receipt of the demand is WITHIN the period of 19 months from the priority date as extended by virtue of Rule 80.5.

5. ☐ Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82.

For International Bureau use only

Demand received from IPEA on:

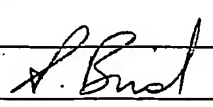
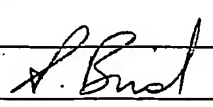
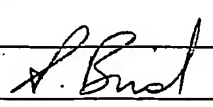
CONFIRMATION COPY
OF THE FAX OF
29 APR 2004

PCT

CHAPTER II

FEE CALCULATION SHEET

Annex to the Demand

<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%; padding: 5px;">International application No. PCT/BE03/00178</td><td style="width: 50%; padding: 5px;">For International Preliminary Examining Authority use only</td></tr><tr><td style="padding: 5px;">Applicant's or agent's file reference S2648-PCT</td><td style="padding: 5px;">Date stamp of the IPEA</td></tr></table>	International application No. PCT/BE03/00178	For International Preliminary Examining Authority use only	Applicant's or agent's file reference S2648-PCT	Date stamp of the IPEA					
International application No. PCT/BE03/00178	For International Preliminary Examining Authority use only								
Applicant's or agent's file reference S2648-PCT	Date stamp of the IPEA								
Applicant STMICROELECTRONICS N.V.									
CALCULATION OF PRESCRIBED FEES 1. Preliminary examination fee EUR 1530,- P 2. Handling fee (<i>Applicants from certain States are entitled to a reduction of 75% of the handling fee. Where the applicant is (or all applicants are) so entitled, the amount to be entered at H is 25% of the handling fee.</i>) EUR 129,- H 3. Total of prescribed fees Add the amounts entered at P and H and enter total in the TOTAL box EUR 1.659,- <div style="border: 1px solid black; padding: 2px; text-align: center; width: fit-content; margin: 0 auto;">TOTAL</div>									
MODE OF PAYMENT <table style="width: 100%;"><tr><td><input checked="" type="checkbox"/> authorization to charge deposit account with the IPEA (see below)</td><td><input type="checkbox"/> cash</td></tr><tr><td><input type="checkbox"/> cheque</td><td><input type="checkbox"/> revenue stamps</td></tr><tr><td><input type="checkbox"/> postal money order</td><td><input type="checkbox"/> coupons</td></tr><tr><td><input type="checkbox"/> bank draft</td><td><input type="checkbox"/> other (specify):</td></tr></table>		<input checked="" type="checkbox"/> authorization to charge deposit account with the IPEA (see below)	<input type="checkbox"/> cash	<input type="checkbox"/> cheque	<input type="checkbox"/> revenue stamps	<input type="checkbox"/> postal money order	<input type="checkbox"/> coupons	<input type="checkbox"/> bank draft	<input type="checkbox"/> other (specify):
<input checked="" type="checkbox"/> authorization to charge deposit account with the IPEA (see below)	<input type="checkbox"/> cash								
<input type="checkbox"/> cheque	<input type="checkbox"/> revenue stamps								
<input type="checkbox"/> postal money order	<input type="checkbox"/> coupons								
<input type="checkbox"/> bank draft	<input type="checkbox"/> other (specify):								
AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT <i>(This mode of payment may not be available at all IPEAs)</i> <table style="width: 100%;"><tr><td style="width: 50%; vertical-align: top;"><input checked="" type="checkbox"/> Authorization to charge the total fees indicated above. <input type="checkbox"/> <i>(This check-box may be marked only if the conditions for deposit accounts of the IPEA so permit)</i> Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.</td><td style="width: 50%; vertical-align: top;">IPEA/ <u>EPO</u> Deposit Account No.: <u>28020053</u> Date: <u>29 April 2004</u> Name: <u>Ariane Bird</u> Signature: <u></u></td></tr></table>		<input checked="" type="checkbox"/> Authorization to charge the total fees indicated above. <input type="checkbox"/> <i>(This check-box may be marked only if the conditions for deposit accounts of the IPEA so permit)</i> Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	IPEA/ <u>EPO</u> Deposit Account No.: <u>28020053</u> Date: <u>29 April 2004</u> Name: <u>Ariane Bird</u> Signature: <u></u>						
<input checked="" type="checkbox"/> Authorization to charge the total fees indicated above. <input type="checkbox"/> <i>(This check-box may be marked only if the conditions for deposit accounts of the IPEA so permit)</i> Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	IPEA/ <u>EPO</u> Deposit Account No.: <u>28020053</u> Date: <u>29 April 2004</u> Name: <u>Ariane Bird</u> Signature: <u></u>								